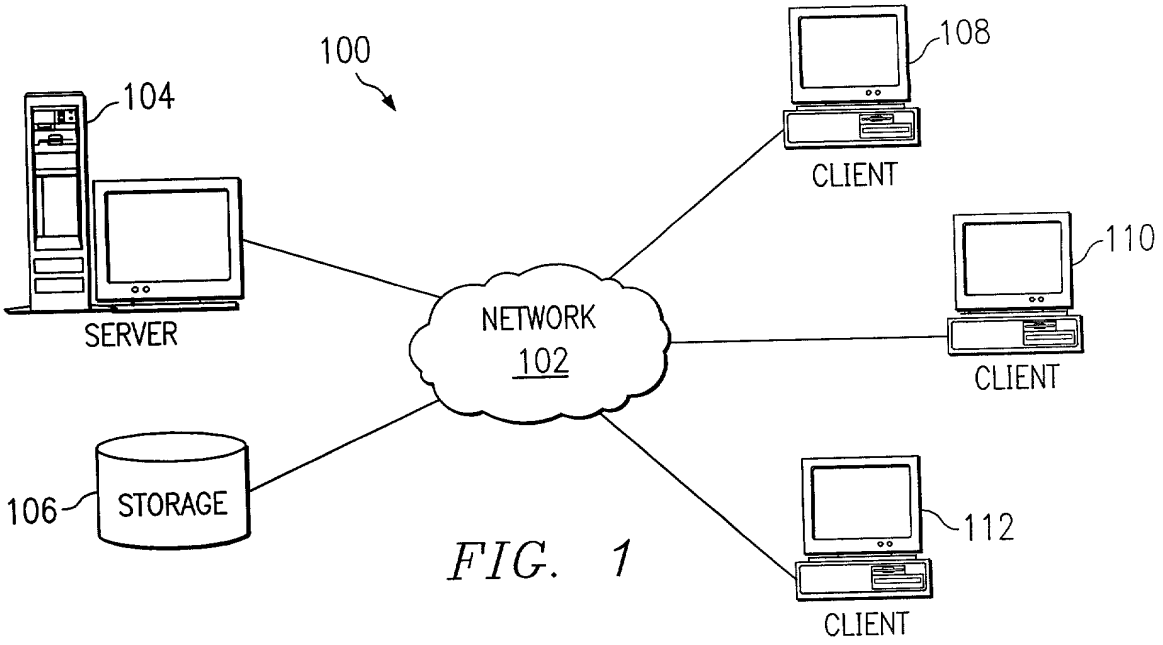

100
104
SERVER
108
CLIENT
110
CLIENT
NETWORK
102
106
STORAGE
112
CLIENT

FIG. 1

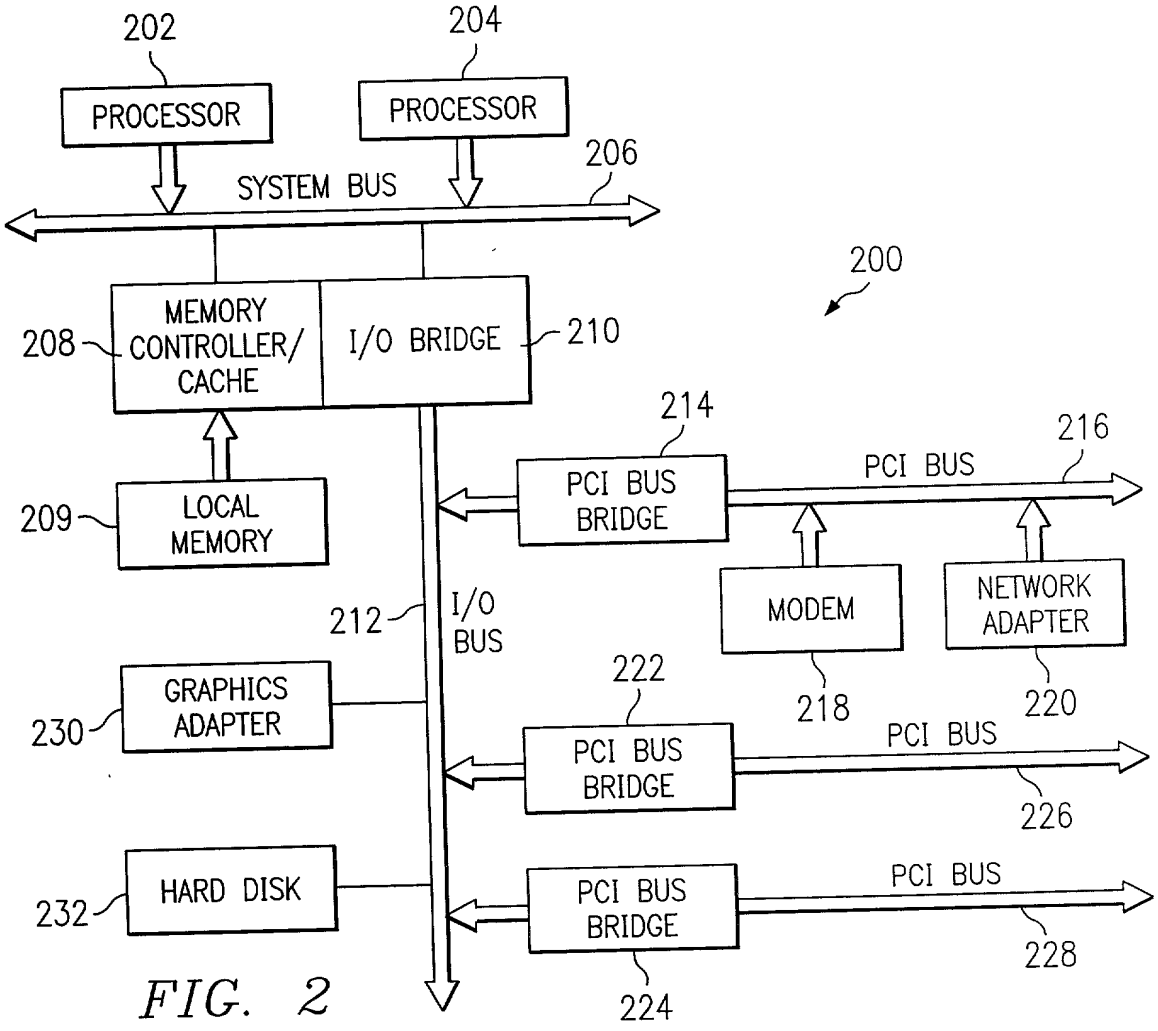

202
PROCESSOR
204
PROCESSOR
206
SYSTEM BUS
200
208
MEMORY CONTROLLER/ CACHE
I/O BRIDGE
210
214
PCI BUS BRIDGE
216
PCI BUS
209
LOCAL MEMORY
212
I/O BUS
MODEM
NETWORK ADAPTER
218
220
222
GRAPHICS ADAPTER
230
PCI BUS BRIDGE
PCI BUS
226
HARD DISK
232
PCI BUS BRIDGE
PCI BUS
228
224

FIG. 2

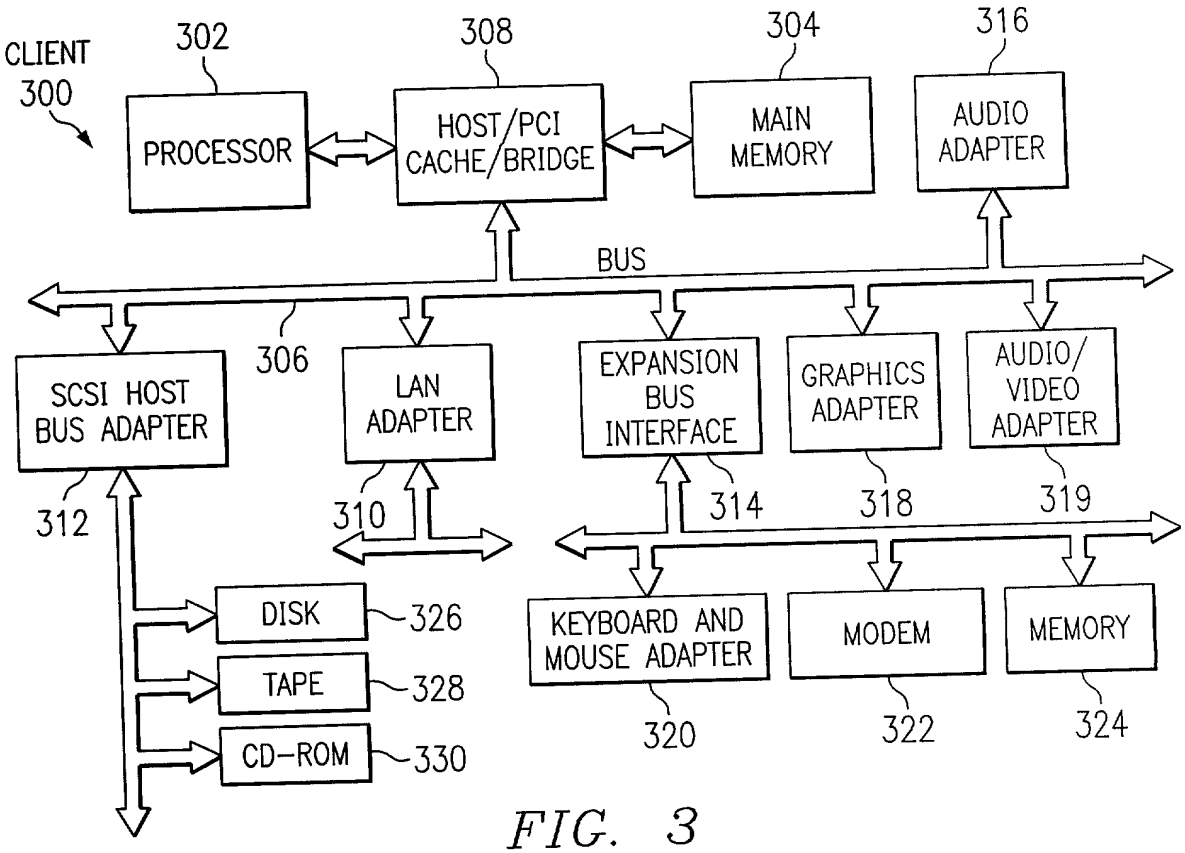

CLIENT
300
302
PROCESSOR
308
HOST/PCI
CACHE/BRIDGE
304
MAIN
MEMORY
316
AUDIO
ADAPTER
BUS
306
SCSI HOST
BUS ADAPTER
312
LAN
ADAPTER
310
EXPANSION
BUS
INTERFACE
314
GRAPHICS
ADAPTER
318
AUDIO/
VIDEO
ADAPTER
319
DISK
326
TAPE
328
CD-ROM
330
KEYBOARD AND
MOUSE ADAPTER
320
MODEM
322
MEMORY
324

FIG. 3

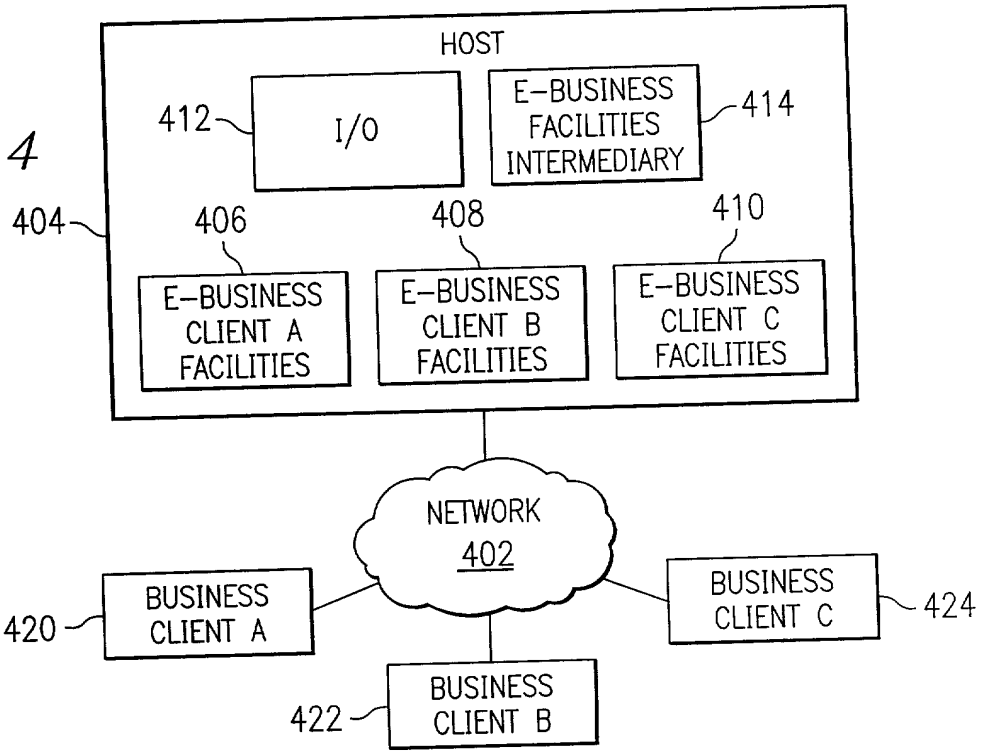

HOST
412
I/O
E-BUSINESS
FACILITIES
INTERMEDIARY
414
404
406
E-BUSINESS
CLIENT A
FACILITIES
408
E-BUSINESS
CLIENT B
FACILITIES
410
E-BUSINESS
CLIENT C
FACILITIES
NETWORK
402
420
BUSINESS
CLIENT A
BUSINESS
CLIENT C
424
422
BUSINESS
CLIENT B

FIG. 4

FIG. 5

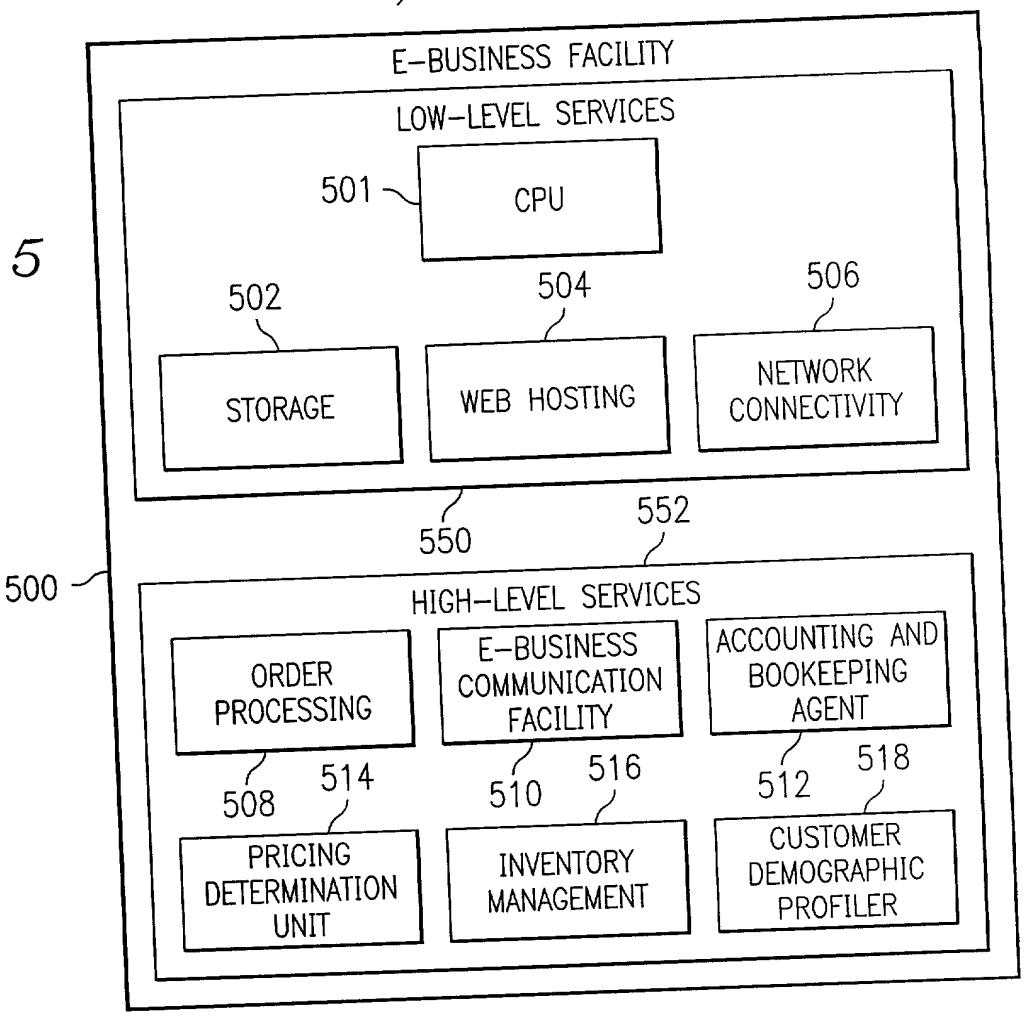

E-BUSINESS FACILITY
LOW-LEVEL SERVICES
501
CPU
502
STORAGE
504
WEB HOSTING
506
NETWORK CONNECTIVITY
550
552
500
HIGH-LEVEL SERVICES
ORDER PROCESSING
E-BUSINESS COMMUNICATION FACILITY
ACCOUNTING AND BOOKEEPING AGENT
508
514
510
516
512
518
PRICING DETERMINATION UNIT
INVENTORY MANAGEMENT
CUSTOMER DEMOGRAPHIC PROFILER

FIG. 8

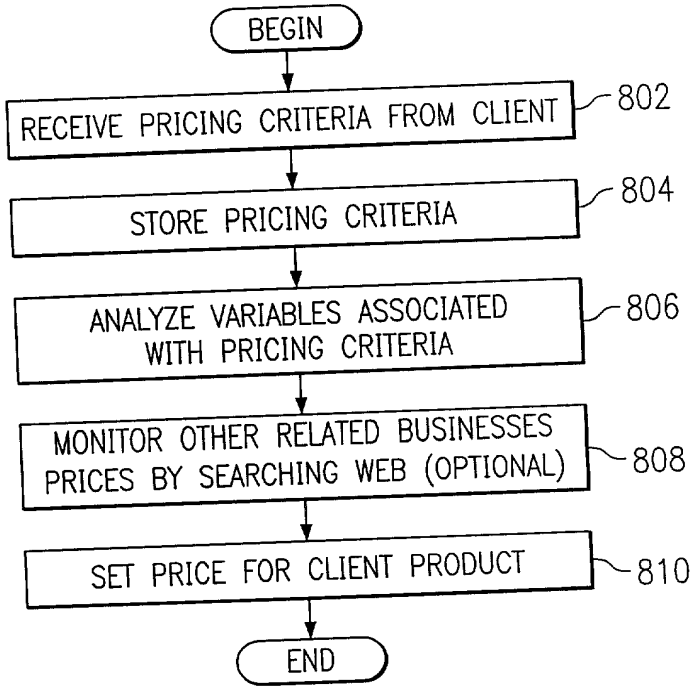

BEGIN
RECEIVE PRICING CRITERIA FROM CLIENT
802
STORE PRICING CRITERIA
804
ANALYZE VARIABLES ASSOCIATED WITH PRICING CRITERIA
806
MONITOR OTHER RELATED BUSINESSES PRICES BY SEARCHING WEB (OPTIONAL)
808
SET PRICE FOR CLIENT PRODUCT
810
END

FIG. 6

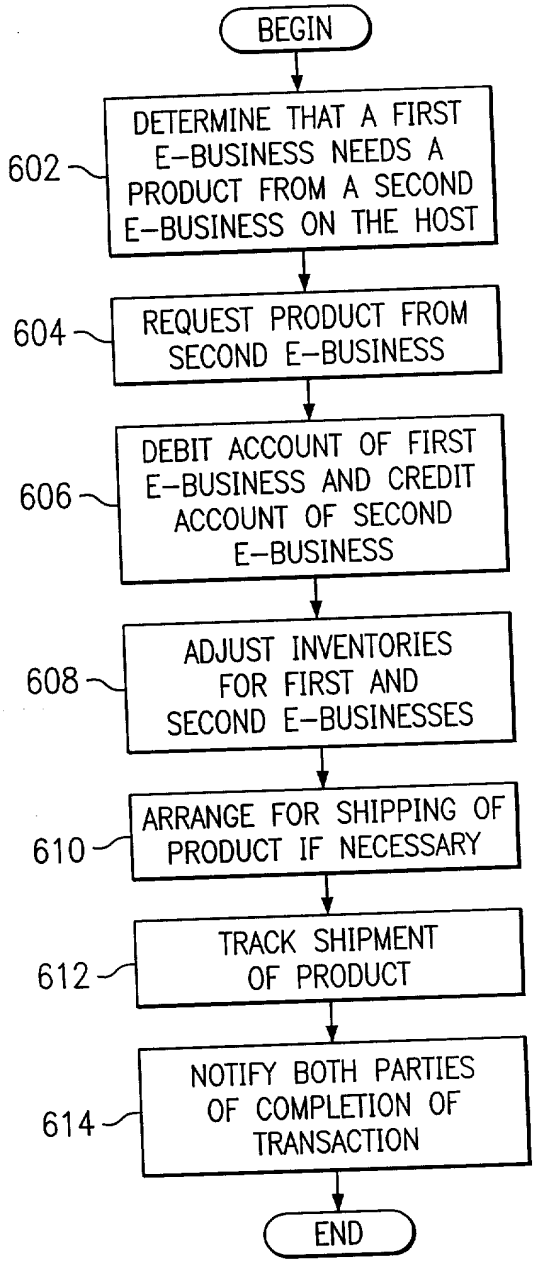

BEGIN
602
DETERMINE THAT A FIRST E-BUSINESS NEEDS A PRODUCT FROM A SECOND E-BUSINESS ON THE HOST
604
REQUEST PRODUCT FROM SECOND E-BUSINESS
606
DEBIT ACCOUNT OF FIRST E-BUSINESS AND CREDIT ACCOUNT OF SECOND E-BUSINESS
608
ADJUST INVENTORIES FOR FIRST AND SECOND E-BUSINESSES
610
ARRANGE FOR SHIPPING OF PRODUCT IF NECESSARY
612
TRACK SHIPMENT OF PRODUCT
614
NOTIFY BOTH PARTIES OF COMPLETION OF TRANSACTION
END

FIG. 7

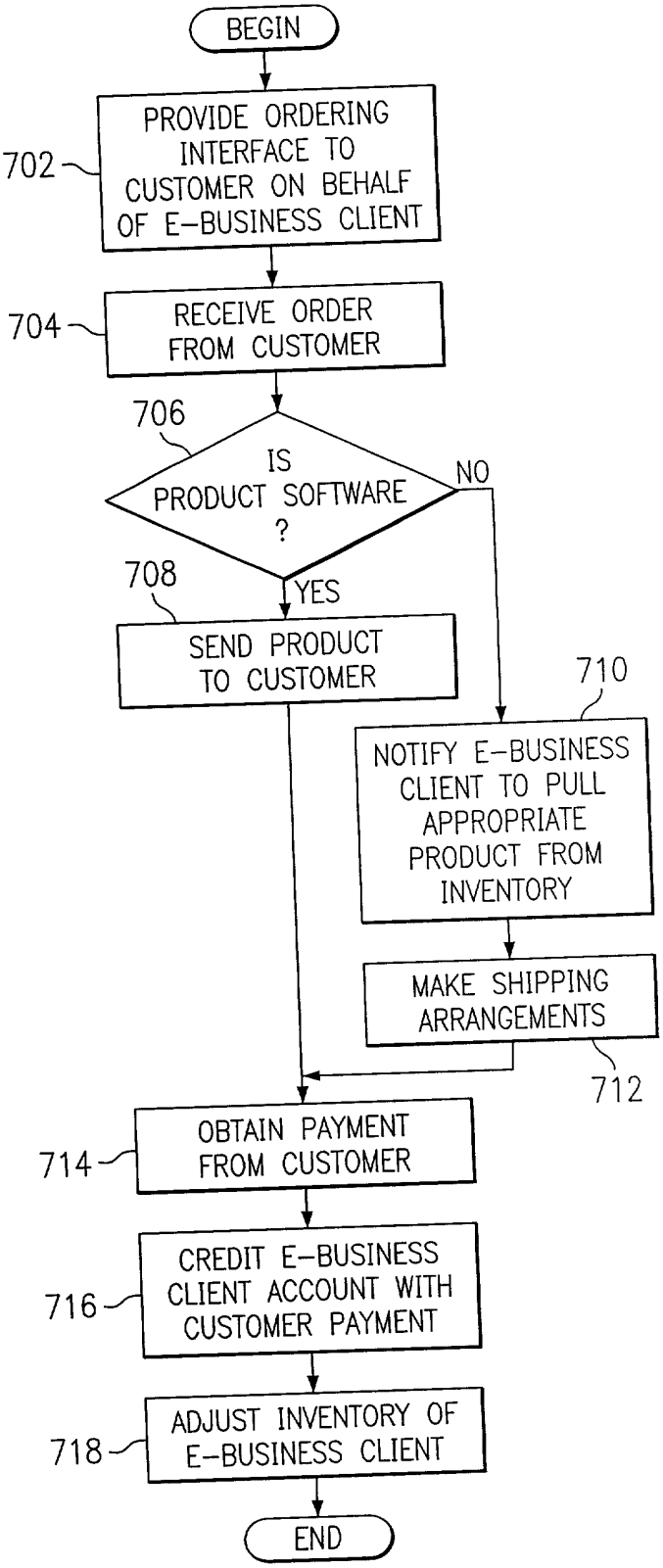

BEGIN
702
PROVIDE ORDERING INTERFACE TO CUSTOMER ON BEHALF OF E-BUSINESS CLIENT
704
RECEIVE ORDER FROM CUSTOMER
706
IS PRODUCT SOFTWARE ?
NO
YES
708
SEND PRODUCT TO CUSTOMER
710
NOTIFY E-BUSINESS CLIENT TO PULL APPROPRIATE PRODUCT FROM INVENTORY
MAKE SHIPPING ARRANGEMENTS
712
714
OBTAIN PAYMENT FROM CUSTOMER
716
CREDIT E-BUSINESS CLIENT ACCOUNT WITH CUSTOMER PAYMENT
718
ADJUST INVENTORY OF E-BUSINESS CLIENT
END

FIG. 9

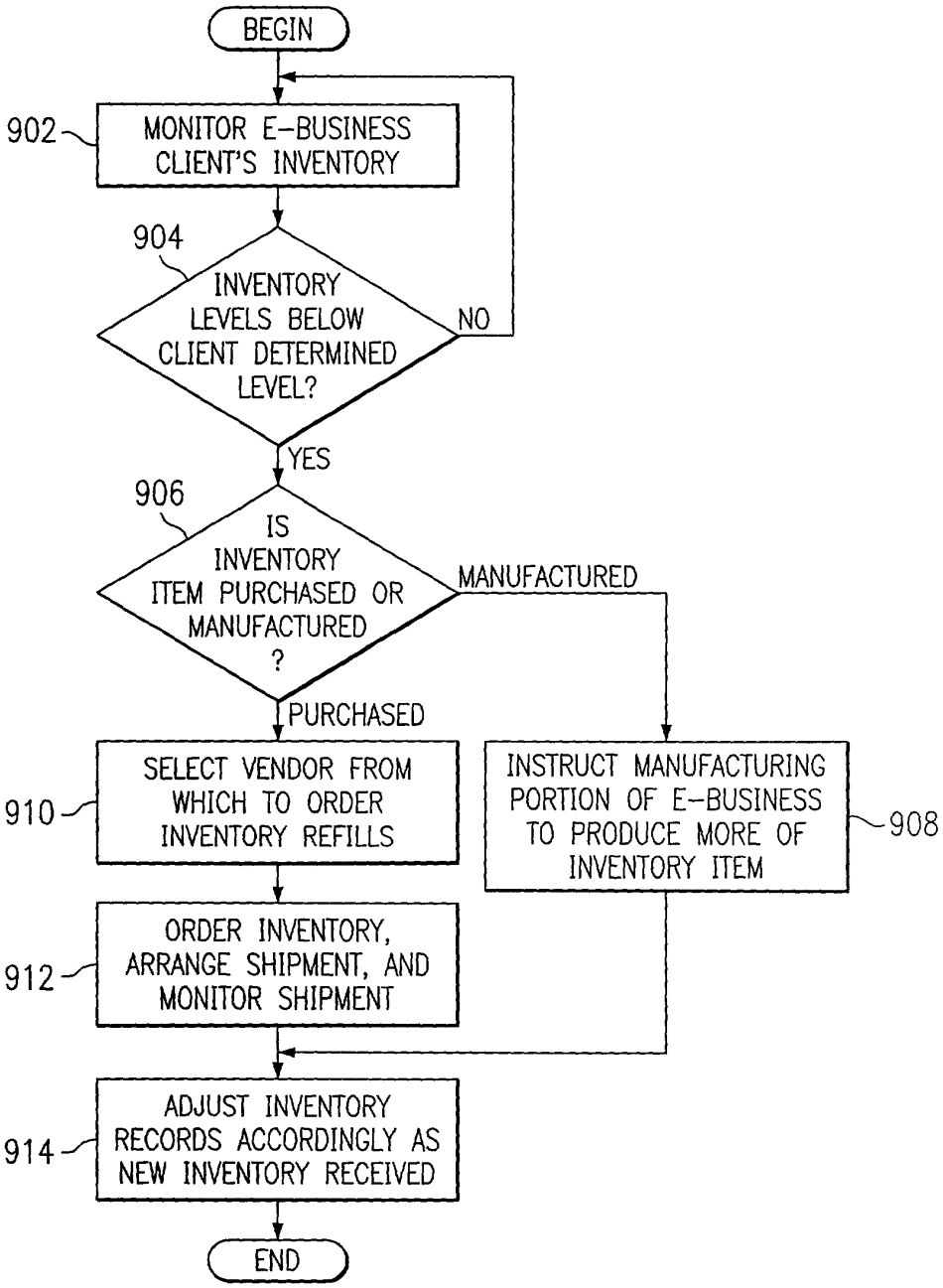
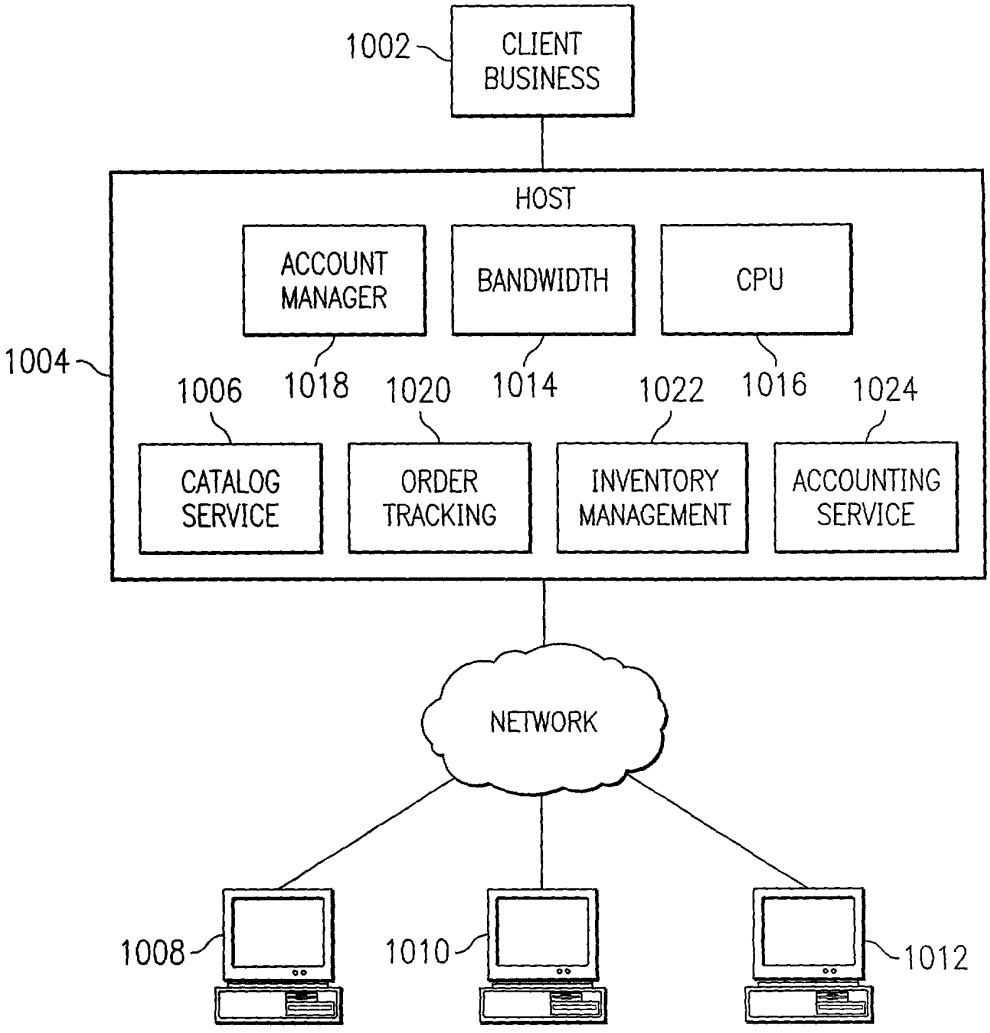

BEGIN
902
MONITOR E-BUSINESS CLIENT'S INVENTORY
904
INVENTORY LEVELS BELOW CLIENT DETERMINED LEVEL?
NO
YES
906
IS INVENTORY ITEM PURCHASED OR MANUFACTURED ?
MANUFACTURED
PURCHASED
910
SELECT VENDOR FROM WHICH TO ORDER INVENTORY REFILLS
908
INSTRUCT MANUFACTURING PORTION OF E-BUSINESS TO PRODUCE MORE OF INVENTORY ITEM
912
ORDER INVENTORY, ARRANGE SHIPMENT, AND MONITOR SHIPMENT
914
ADJUST INVENTORY RECORDS ACCORDINGLY AS NEW INVENTORY RECEIVED
END

FIG. 10


1002
CLIENT BUSINESS
HOST
ACCOUNT MANAGER
BANDWIDTH
CPU
1004
1006
1018
1020
1014
1022
1016
1024
CATALOG SERVICE
ORDER TRACKING
INVENTORY MANAGEMENT
ACCOUNTING SERVICE
NETWORK
1008
1010
1012